

Docket No.: **K-0090B**

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Confirmation No.: **6438**

Young-Joon SONG

Group Art Unit: **2663**

Patent No.: **6,721,299 B1**

Examiner: **NHAT Q. DO**

Issued: **April 13, 2005**

Serial No.: **09/376,373**

Customer No.: **34610**

Filed: **August 18, 1999**

For: **PILOT SIGNALS FOR SYNCHRONIZATION AND/OR CHANNEL ESTIMATION**

REQUEST FOR CERTIFICATE OF CORRECTION

U.S. Patent and Trademark Office

Attention: **CERTIFICATE OF CORRECTION BRANCH**

Customer Service Window

Randolph Building

401 Dulany Street

Alexandria, Virginia 22314

Sir:

Applicants request the U.S. Patent and Trademark Office to issue a Certificate of Correction for **claim 36** of Issued Patent No. **6,721,299** to correct an error made by the Patent Office during printing.

Claim 36 is marked to show changes as to where the error occurred:

36. A frame structure for a downlink Dedicated Physical Control Channel (DPCCH) in a communication system, wherein the improvement comprises each frame of the downlink DPCCH having 15 slots and N_{pilot} number of pilot bits in each slot, where $2 \leq N_{\text{pilot}} \leq 16$, and pilot bit patterns comprise at least one of the following based on N_{pilot} number of pilot bits:

	when Npilot = 2	when Npilot = 4		when Npilot = 8				when Npilot = 16							
Symbol #	0	0	1	0	1	2	3	0	1	2	3	4	5	6	7
Slot #0	11	11	11	11	11	11	10	11	11	11	10	11	11	11	10
1	00	11	[[10]] 00	11	00	11	10	11	00	11	10	11	11	11	00
2	01	11	01	11	01	11	01	11	01	11	01	11	10	11	00
3	00	11	00	11	00	11	00	11	00	11	00	11	01	11	10
4	10	11	10	11	10	11	01	11	10	11	01	11	11	11	11
5	11	11	11	11	11	11	10	11	11	11	10	11	01	11	01
6	11	11	11	11	11	11	00	11	11	11	00	11	10	11	11
7	10	11	10	11	10	11	00	11	10	11	00	11	10	11	00
8	01	11	01	11	01	11	10	11	01	11	10	11	00	11	11
9	11	11	11	11	11	11	11	11	11	11	11	11	00	11	11
10	01	11	01	11	01	11	01	11	01	11	01	11	11	11	10
11	10	11	10	11	10	11	11	11	10	11	11	11	00	11	10
12	10	11	10	11	10	11	00	11	10	11	00	11	01	11	01
13	00	11	00	11	00	11	11	11	00	11	11	11	00	11	00
14	00	11	00	11	00	11	11	11	00	11	11	11	10	11	01

wherein pilot bit patterns are used in a communication system.

This correction is supported by the Reply filed on April 11, 2003 (printed claim 36 corresponds to claim 37 in the April 11, 2003 Reply).

It is believed that no fee is due. However, please credit or debit Deposit Account No. 16-0607 as necessary to effect entry of the attached corrections.

Respectfully submitted,
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Date: August 22, 2008

Please direct all correspondence to Customer Number 34610

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,721,299 B1
 APPLICATION NO.: 09/376,373
 ISSUE DATE : April 13, 2004
 INVENTOR(S) : Young-Joon SONG

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

36. A frame structure for a downlink Dedicated Physical Control Channel (DPCCH) in a communication system, wherein the improvement comprises each frame of the downlink DPCCH having 15 slots and N_{pilot} number of pilot bits in each slot, where $2 \leq N_{\text{pilot}} \leq 16$, and pilot bit patterns comprise at least one of the following based on N_{pilot} number of pilot bits:

	when $N_{\text{pilot}} = 2$	when $N_{\text{pilot}} = 4$		when $N_{\text{pilot}} = 8$				when $N_{\text{pilot}} = 16$							
Symbol #	0	0	1	0	1	2	3	0	1	2	3	4	5	6	7
Slot #0	11	11	11	11	11	11	10	11	11	11	10	11	11	11	10
1	00	11	00	11	00	11	10	11	00	11	10	11	11	11	00
2	01	11	01	11	01	11	01	11	01	11	01	11	10	11	00
3	00	11	00	11	00	11	00	11	00	11	00	11	01	11	10
4	10	11	10	11	10	11	01	11	10	11	01	11	11	11	11
5	11	11	11	11	11	11	10	11	11	11	10	11	01	11	01
6	11	11	11	11	11	11	00	11	11	11	00	11	10	11	11
7	10	11	10	11	10	11	00	11	10	11	00	11	10	11	00
8	01	11	01	11	01	11	10	11	01	11	10	11	00	11	11
9	11	11	11	11	11	11	11	11	11	11	11	11	00	11	11
10	01	11	01	11	01	11	01	11	01	11	01	11	11	11	10
11	10	11	10	11	10	11	11	11	10	11	11	11	00	11	10
12	10	11	10	11	10	11	00	11	10	11	00	11	01	11	01
13	00	11	00	11	00	11	11	11	00	11	11	11	00	11	00
14	00	11	00	11	00	11	11	11	00	11	11	11	10	11	01

wherein pilot bit patterns are used in a communication system.

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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